

Amendments to the specification

Please amend the paragraph beginning at page 2, line 23 as follows:

--The liquid stereolithography resin can include a photoinitiator. The photoinitiator can include a phosphine oxide, an alpha-hydroxyketone, benzophenone derivative, or mixtures thereof. The photoinitiator can include a component. The component can be a benzophenone, a benzil dimethyl ketal, a (1-hydroxycyclohexyl)phenylketone, an isopropyl thioxanthone, an ethyl 4-(dimethylamino)benzoate, SARCURE SR1135 (a blend of 2,4,6-trimethylbenzoyldiphenyl phosphine oxide, 2,4,6-trimethylbenzophenone, 4-methylbenzophenone, and oligo(2-hydroxy-2-methyl-1-(4-(1-methylvinyl)phenyl)propanone), a benzoin normal butyl ether, SARCURE SR1130E (a blend of oligo(2-hydroxy-2-methyl-1-(4-(1-methylvinyl)phenyl) propanone) and poly(2-hydroxy-2-methyl-1-phenyl-1-propanone)), tripropylene glycol diacrylate, an oligo(2-hydroxy-2-methyl-1-(4-(1-methylvinyl)phenyl)propanone), a 2-hydroxy-2-methyl-1-phenyl-1-propanone, a poly(2-hydroxy-2-methyl-1-phenyl-1-propanone), a trimethylolpropane triacrylate, a SARCURE SR1137 (a mixture of 2,4,6- trimethylbenzophenone and 4-methylbenzophenone), a SARCURE SR1130, a phosphine oxide, a 4-methylbenzophenone, a trimethylbenzophenone, a methylbenzophenone, a Darocur 4265, an ~~Irgaeure~~ IRGACURE, such as IRGACURE 184 1-hydroxy-cyclohexylphenylketone, or mixtures thereof. The photoinitiator can activate polymerization of an acrylate in a wavelength range of 240 nm to 250 nm, 360 nm to 380 nm, or 390 nm to 410 nm.--

Please amend the paragraph beginning at page 4, line 22 as follows:

--The liquid stereolithography resin can include a stabilizer. The stabilizer can be Tinuvin 292 (bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and 1-methyl-10-(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate), Tinuvin 765 (bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate), MEQH (4-methoxyphenol), LA-32 (2-(2'-hydroxy-5'-methylphenyl)benzotriazole), LA-82 (1,2,2,6,6-pentamethyl-4-piperidyl methacrylate) or Chimassorb 81 (2-hydroxy-4-octyloxybenzophenone).--

Please amend the paragraph beginning at page 4, line 27 as follows:

-- In some embodiments, the first urethane acrylate oligomer is Sartomer SARTOMER CN964, the first acrylate monomer is Sartomer SARTOMER SR454 (ethoxylated (3) trimethylolpropane acrylate), and the polymerization modifier is Sartomer SARTOMER SR506, Sartomer SARTOMER SR494, Sartomer SARTOMER CN965, Sartomer SARTOMER SR368, or mixtures thereof. The resin can include 5-35 weight % Sartomer SARTOMER CN964 and 0.5-25 weight % Sartomer SARTOMER SR454. The resin can include 0.5-20 weight % Sartomer SARTOMER SR506. The resin can include 15-45 weight % Sartomer SARTOMER SR494. The resin can include 0.5-25 weight % Sartomer SARTOMER CN965. The resin can include 5-35 weight % Sartomer SARTOMER SR368 (tris-(2-hydroxyethyl)isocyanurate triacrylate).--

Please amend the paragraph beginning at page 5, line 6 as follows:

--In other embodiments, the first urethane acrylate oligomer is Sartomer SARTOMER CN963, the first acrylate monomer is Sartomer SARTOMER SR306 (tripropylene glycol diacrylate), and the polymerization modifier is Sartomer SARTOMER CN970H75 (urethane acrylate oligomer), Sartomer SARTOMER CD540, Sartomer SARTOMER SR506, or mixtures thereof. The resin can include 40-70 weight % Sartomer SARTOMER CN963, and 5-35 weight % Sartomer SARTOMER SR306. The resin can include 0.5-15 weight % Sartomer SARTOMER CN970H75. The resin can include 0.5-15 weight % Sartomer SARTOMER CD540. The resin can include 5-35 weight % Sartomer SARTOMER SR506.